

ABSTRACT OF THE DISCLOSURE

An apparatus for judging a fatigue level and/or a dozing state of a person by capturing voices uttered at different points of time from a microphone 5M, causing a personal computer 1 to 5 perform chaos analysis of the digital data of the inputted voices so as to calculate the Lyapunov exponents, and judging a fatigue level and/or a dozing state based on the result of chaos analysis. Whether an airplane pilot, air traffic controller or driver of public transport systems, such as trains, taxies, tracks and buses, 10 is in a dozing or extremely fatigued state is accurately.

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